STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

96-022A

I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER	2. DOCUMENT DATE (YYMMDD)
JIEO Circular 9008	930630

3. DOCUMENT TITLE   NITFS Certification Test & Evaluation Program Plan

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

Page 5-22 and C-10, Paragraphs 5-15 and Table C-5

See attached sheet

5. REASON FOR RECOMMENDATION

MIL-STD 2500A allows the values "STA" (standard ASCII), "MTF" (US Message Text Format) and "OTH" (other) in the text format field (TXTFMT) of the text data subheader. JIEO Circular 9008, which specifies certification requirements, currently restricts the text format field to "STA" for CLEVELS 1-6 (p. C-10).

It is desired to disseminate Graphical Situation Display (GSD) data using the NITF for point-to-point and broadcast channels. GSD data records will be contained in the Graphical Reporting (GRAPHREP) USMTF message format. It is desired to include the GRAPHREP message in the text portion of NITF files

6. SUBMITTER

a. NAME *(Last, First, Middle Initial)*	b. ORGANIZATION
Meenehan, Michael M.	U.S. Army Space Program Office

c. ADDRESS *(Include Zip Code)*	d. TELEPHONE *(Include Area Code)*	7. DATE SUBMITTED *(YYMMDD)*
U.S. Army Space Program Office 2810 Old Lee Highway Fairfax, VA 22031-4304	(1) Commercial (2) AUTOVON *(If applicable)* 703-275-5592	960917

8. PREPARING ACTIVITY **CENTRAL IMAGERY OFFICE**

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5-15 TEXT CRITERIA

A. The system must at least read and display text files associated with the text format code for standard ASCII (STA) and Message Text Format (MTF). Although the system must not be adversely affected when attempting to interpret a file which contains text with other format codes (e.g. OTH), it is not required to read and display the text in the original intended form.

B. For text files formatted as STA:

1. The contents are composed of none other than the following STA characters: Line Feed (10), Form Feed (12), Carriage Return (13), and space (32) through tilde (126).

2. All lines are separated by carriage return/line feed (CR/LF) pairs, where the first character of the next line (if present) immediately follows the line feed character.

3. Text data is presented as a contiguous file, with each permitted STA character immediately following the other.

4. Text data begins with the first, or left-most character of the text, followed by subsequent characters, as read from left to right.

5. No field delimiters or special characters are used to designate the end of the text data.

6. If more than one text file is included in the NITF file, the last character of the first file is followed by the first character of the next sub-header.

C. For text files formatted as MTF the implementation may optionally pass the text data field content to an MTF capable application for further processing.

D. A system must be able to interpret a file containing 0-5 text files for CLEVELs 1 and 2, and 0-32 text files for CLEVELs 3-6. The maximum aggregate size of the text files must not exceed 100K characters.

E. The system must preclude the generation of an NITF file containing text files that exceed the maximum interpretation ranges for specific CLEVELs as stated above.

Table C-5, TXTFMT field (p C-10)
Move "(This value must be 0)" to previous line
Change "STA" to "STA or MTF"